

Appl. No. 10/605,197.
Amdt. dated December 8, 2004
Reply to Office action of September 08, 2004

AMENDMENTS TO THE SPECIFICATION

In paragraph [0022]:

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Please refer to Fig.3, which is a circuit diagram of a preferred embodiment of a regulated charge pump 80 according to the present invention. The regulated charge pump 80 comprises a negative charge pump 82 for generating a first output voltage
10 by determining an oscillation signal, an oscillator 84, for example a voltage-controlled oscillator or similar device, connected to the negative charge pump 82 for generating the oscillation signal by determining a compare signal, a differential amplifier 86 connected to the oscillator 84, a level
15 shift circuit 88 connected between the negative charge pump 82 and the differential amplifier 86, and a protection circuit 90. The level shift circuit 88 comprises a plurality of serially connected PMOS transistors. The protection circuit 90 comprises an input end 116 connected to an output end 110 of the negative
20 charge pump 82, a first input end 118 connected to a first well 122 of a first PMOS transistor 92 of the level shift circuit 88, and a second input end 120 connected to wells of the remaining PMOS transistors of the level shift circuit 88.

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